

Sir:

11/22/99

Transmitted herewith for filing is the Patent Application of:

Inventor: JEI-WEI CHANG, BERNARD DIENY, MAO-MIN CHEN, CHENG HORNG, KOCHAN JU AND SIMON LIAO

For: A GMR CONFIGURATION WITH ENHANCED SPIN FILTERING

JC542 U.S. PTO
09/443447
11/22/99

Enclosed are:

- 2 sheets of drawing(s) - formal.
- An assignment of the invention to **Headway Technologies, Inc.**
- An associate power of attorney

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	OTHER THAN A SMALL ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEES
BASIC FEE				\$ 760.
TOTAL CLAIMS	30 -20=	10	x 18 =	\$ 180.
INDEP CLAIMS	3 -3=	0	x 78 =	\$ 0.
MULTIPLE DEPENDENT CLAIM PRESENTED			+ 260 =	
			SUB TOTAL	\$ 940.
			ASSIGNMENT	\$40.
			TOTAL	\$ 980.

- Please charge my Deposit Account No. 19-0033 in the amount of \$ 980. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-0033. A duplicate copy of this sheet is enclosed.
 - Any additional filing fees required under 37 CFR §1.16.
 - Any patent application processing fees under 37 CFR §1.17.

Respectfully submitted,

STEPHEN B. ACKERMAN, REG. NO. 37,761